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COPY OF PAPERS
ORIGINALLY FILED

10/023420 #5

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST, AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST, AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION

Entitled: **PROCESS FOR INTERPRETING FAULTS FROM A FAULT-ENHANCED 3-DIMENSIONAL SEISMIC ATTRIBUTE VOLUME**
the specification of which:

MAIL DATE MAR 07 2002

☐ is attached hereto:☒ was filed on December 14, 2001 as
Application Serial No. 10/023,420
and was amended on
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE:

I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE PATENTABILITY OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56(a) which states: "A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with this Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned".

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)	PRIORITY CLAIMED
None			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	DATE OF FILING	STATUS
None		

I HEREBY APPOINT THE FOLLOWING AS OUR ATTORNEYS WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:

W. Keith Turner	REGISTRATION NO. 26,816
A. H. Uzzell	27,602
F. E. Hook	26,469
R. J. Schulte	35,350
E. J. Gess	28,510
T. G. Dillahunty	25,423
C. A. Lynch	38,699
K. M. Nuzum	38,983

ASSOCIATE POWER OF
ATTORNEY ATTACHED
Yes ☐ No ☒

SEND CORRESPONDENCE TO:

E. Joseph Gess, Esq.
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST JOINT INVENTOR

DOUGLAS FRANCIS GOFF

SIGNATURE

DATE

20 Feb 2002

RESIDENCE

62 Saint Mark Court, Danville, CA 94526

CITIZENSHIP U.S.A.

POST OFFICE ADDRESS
(Same as above)

FULL NAME OF SECOND JOINT INVENTOR, IF ANY

LUC VINCENT

SIGNATURE

DATE

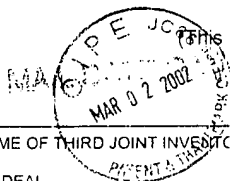
RESIDENCE

4237 Manuela Avenue, Palo Alto, CA 94036

CITIZENSHIP U.S.A.

POST OFFICE ADDRESS
(Same as above)☒ Please see attached continuation page for additional inventors.

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COMBINED DECLARATION AND POWER OF ATTORNEY
CONTINUATION PAGE FOR ADDITIONAL INVENTORS

(This page must be attached to a completed Combined Declaration and Power of Attorney before Signing.)

FULL NAME OF THIRD JOINT INVENTOR, IF ANY KEVIN L. DEAL	SIGNATURE	DATE
RESIDENCE 13623 Comely Lane, Houston, TX 77079		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY WILLIAM S. KOWALIK	SIGNATURE <i>William S. Kowalik</i>	DATE Feb 6, 2002
RESIDENCE 2181 El Cajonita Drive, La Habra Heights, CA 90631		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY SEBASTIEN BOMBARDE	SIGNATURE <i>Sebastien Bombarde</i>	DATE Feb 6, 2002
RESIDENCE 3900 Harrison Street, Oakland, CA 94611		CITIZENSHIP FRANCE
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY SANDRA LEE	SIGNATURE <i>Sandra Lee</i>	DATE Feb 6/2002
RESIDENCE 3697 Silver Oak Place, Danville, CA 94506		CITIZENSHIP USA SC CANADA
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY WILLIAM R. VOLZ	SIGNATURE	DATE
RESIDENCE 22114 Bay Spring Drive, Katy, TX 77450		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY RICHARD C. JONES	SIGNATURE	DATE
RESIDENCE 2206 Wildwood Court, Fullerton, CA 92631		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF NINTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF TENTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS (Same as above)		

MAY 02 2002

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W. Keith Turner
A. H. Uzzell
F. E. Hook
R. J. Schulte
E. J. Gess
T. G. Dillahunt
C. A. Lynch
K. M. Nuzum

REGISTRATION NO.

26,816
27,602
26,469
35,350
28,510
25,423
38,699
38,983

ASSOCIATE POWER OF

ATTORNEY ATTACHED
Yes ☐ No ☒

SEND CORRESPONDENCE TO:

E. Joseph Gess, Esq.
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

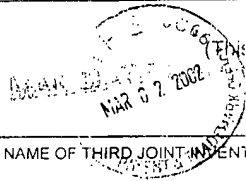
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST JOINT INVENTOR	SIGNATURE	DATE
DOUGLAS FRANCIS GOFF		
RESIDENCE	CITIZENSHIP U.S.A.	
62 Saint Mark Court, Danville, CA 94526		
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE	DATE
LUC VINCENT		
RESIDENCE	CITIZENSHIP U.S.A.	
4237 Manuela Avenue, Palo Alto, CA 94035		
POST OFFICE ADDRESS (Same as above)		
<input checked="" type="checkbox"/> Please see attached continuation page for additional inventors.		



COPY OF PATENTERS
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COMBINED DECLARATION AND POWER OF ATTORNEY
CONTINUATION PAGE FOR ADDITIONAL INVENTORS



This page must be attached to a completed Combined Declaration and Power of Attorney before Signing.)

FULL NAME OF THIRD JOINT INVENTOR, IF ANY KEVIN L. DEAL	SIGNATURE <i>Kevin L. Deal</i>	DATE 2-6-2002
RESIDENCE 13623 Comely Lane, Houston, TX 77079		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY WILLIAM S. KOWALIK	SIGNATURE	DATE
RESIDENCE 2181 El Cajonita Drive, La Habra Heights, CA 90631		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY SEBASTIEN BOMBARDE	SIGNATURE	DATE
RESIDENCE 3900 Harrison Street, Oakland, CA 94611		CITIZENSHIP FRANCE
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY SANDRA LEE	SIGNATURE	DATE
RESIDENCE 3697 Silver Oak Place, Danville, CA 94506		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY WILLIAM R. VOLZ	SIGNATURE <i>William R. Volz</i>	DATE 2-6-2002
RESIDENCE 22114 Bay Spring Drive, Katy, TX 77450		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY RICHARD C. JONES	SIGNATURE	DATE
RESIDENCE 2206 Wildwood Court, Fullerton, CA 92631		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF NINTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF TENTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS (Same as above)		

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COMBINED DECLARATION AND POWER OF ATTORNEY COPY OF PAPERS					
<p>As a below named inventor, I hereby declare that: My residence, post office address, and citizenship, are as stated below next to my name; I BELIEVE I AM THE ORIGINAL, FIRST, AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST, AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION</p> <p>Entitled: PROCESS FOR INTERPRETING FAULTS FROM A FAULT-ENHANCED 3-DIMENSIONAL SEISMIC ATTRIBUTE VOLUME the specification of which:</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>(check one)</p> <p><input type="checkbox"/> is attached hereto:</p> <p><input checked="" type="checkbox"/> was filed on December 14, 2001 as Application Serial No. 10/023,420 and was amended on (if applicable)</p> </div> <div style="text-align: center;"> <p>U.S. PATENT & TRADEMARK OFFICE</p> <p>MAY 02 2002</p> </div> </div>					
<p>I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE:</p> <p>I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE PATENTABILITY OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56(a) which states: "A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with this Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned".</p> <p>I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:</p>					
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None			Yes <input type="checkbox"/> No <input type="checkbox"/>		
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APPLICATION NUMBER	DATE OF FILING	STATUS			
None					
<p>I HEREBY APPOINT THE FOLLOWING AS OUR ATTORNEYS WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 40%; vertical-align: top;"> <div style="display: flex; justify-content: space-between;"> <div> <p>W. Keith Turner</p> <p>A. H. Uzzell</p> <p>F. E. Hook</p> <p>R. J. Schulte</p> <p>E. J. Gess</p> <p>T. G. Dillahunt</p> <p>C. A. Lynch</p> <p>K. M. Nuzum</p> </div> <div> <p>REGISTRATION NO.</p> <p>26,816</p> <p>27,602</p> <p>26,469</p> <p>35,350</p> <p>28,510</p> <p>25,423</p> <p>38,699</p> <p>38,983</p> </div> </div> </td> <td style="width: 60%; vertical-align: top; padding-left: 20px;"> <p>ASSOCIATE POWER OF ATTORNEY ATTACHED</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> </td> </tr> </table>				<div style="display: flex; justify-content: space-between;"> <div> <p>W. Keith Turner</p> <p>A. H. Uzzell</p> <p>F. E. Hook</p> <p>R. J. Schulte</p> <p>E. J. Gess</p> <p>T. G. Dillahunt</p> <p>C. A. Lynch</p> <p>K. M. Nuzum</p> </div> <div> <p>REGISTRATION NO.</p> <p>26,816</p> <p>27,602</p> <p>26,469</p> <p>35,350</p> <p>28,510</p> <p>25,423</p> <p>38,699</p> <p>38,983</p> </div> </div>	<p>ASSOCIATE POWER OF ATTORNEY ATTACHED</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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<p>SEND CORRESPONDENCE TO:</p> <p style="margin-left: 150px;">E. Joseph Gess, Esq. BURNS, DOANE, SWECKER & MATHIS, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404</p>					
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
FULL NAME OF SOLE OR FIRST JOINT INVENTOR	SIGNATURE	DATE			
DOUGLAS FRANCIS GOFF					
RESIDENCE		CITIZENSHIP U.S.A.			
62 Saint Mark Court, Danville, CA 94526					
POST OFFICE ADDRESS (Same as above)					
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE	DATE			
LUC VINCENT		02/18/02			
RESIDENCE		CITIZENSHIP U.S.A.			
4237 Manuela Avenue, Palo Alto, CA 94036					
POST OFFICE ADDRESS (Same as above)					
<input checked="" type="checkbox"/> Please see attached continuation page for additional inventors.					

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APPLICATION NUMBER	DATE OF FILING	STATUS				
None						
<p>I HEREBY APPOINT THE FOLLOWING AS OUR ATTORNEYS WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:</p> <table style="width: 100%;"> <tr> <td style="width: 40%;"> <p>W. Keith Turner</p> <p>A. H. Uzzell</p> <p>F. E. Hook</p> <p>R. J. Schulte</p> <p>E. J. Gess</p> <p>T. G. Dillahunty</p> <p>C. A. Lynch</p> <p>K. M. Nuzum</p> </td> <td style="width: 40%;"> <p>REGISTRATION NO.</p> <p>26,816</p> <p>27,602</p> <p>26,469</p> <p>35,350</p> <p>28,510</p> <p>25,423</p> <p>38,699</p> <p>38,983</p> </td> <td style="width: 20%;"> <p>ASSOCIATE POWER OF ATTORNEY ATTACHED</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> </td> </tr> </table>				<p>W. Keith Turner</p> <p>A. H. Uzzell</p> <p>F. E. Hook</p> <p>R. J. Schulte</p> <p>E. J. Gess</p> <p>T. G. Dillahunty</p> <p>C. A. Lynch</p> <p>K. M. Nuzum</p>	<p>REGISTRATION NO.</p> <p>26,816</p> <p>27,602</p> <p>26,469</p> <p>35,350</p> <p>28,510</p> <p>25,423</p> <p>38,699</p> <p>38,983</p>	<p>ASSOCIATE POWER OF ATTORNEY ATTACHED</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>W. Keith Turner</p> <p>A. H. Uzzell</p> <p>F. E. Hook</p> <p>R. J. Schulte</p> <p>E. J. Gess</p> <p>T. G. Dillahunty</p> <p>C. A. Lynch</p> <p>K. M. Nuzum</p>	<p>REGISTRATION NO.</p> <p>26,816</p> <p>27,602</p> <p>26,469</p> <p>35,350</p> <p>28,510</p> <p>25,423</p> <p>38,699</p> <p>38,983</p>	<p>ASSOCIATE POWER OF ATTORNEY ATTACHED</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
<p>SEND CORRESPONDENCE TO:</p> <p>E. Joseph Gess, Esq. BURNS, DOANE, SWECKER & MATHIS, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404</p>						
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>						
FULL NAME OF SOLE OR FIRST JOINT INVENTOR		SIGNATURE	DATE			
DOUGLAS FRANCIS GOFF						
RESIDENCE		CITIZENSHIP				
62 Saint Mark Court, Danville, CA 94526		U.S.A.				
POST OFFICE ADDRESS (Same as above)						
FULL NAME OF SECOND JOINT INVENTOR, IF ANY		SIGNATURE	DATE			
LUC VINCENT						
RESIDENCE		CITIZENSHIP				
4237 Manuels Avenue, Palo Alto, CA 94035		U.S.A.				
POST OFFICE ADDRESS (Same as above)						
<p><input checked="" type="checkbox"/> Please see attached continuation page for additional inventors.</p>						

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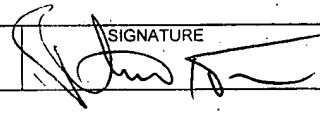
MAY 02 2002

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COMBINED DECLARATION AND POWER OF ATTORNEY
CONTINUATION PAGE FOR ADDITIONAL INVENTORS

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(This page must be attached to a completed Combined Declaration and Power of Attorney before Signing.)

FULL NAME OF THIRD JOINT INVENTOR, IF ANY KEVIN L. DEAL	SIGNATURE	DATE
RESIDENCE 13623 Comely Lane, Houston, TX 77079		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY WILLIAM S. KOWALIK	SIGNATURE	DATE
RESIDENCE 2181 El Cajonita Drive, La Habra Heights, CA 90631		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY SEBASTIEN BOMBARDE	SIGNATURE	DATE
RESIDENCE 3900 Harrison Street, Oakland, CA 94611		CITIZENSHIP FRANCE
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY SANDRA LEE	SIGNATURE	DATE
RESIDENCE 3697 Silver Oak Place, Danville, CA 94506		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY WILLIAM R. VOLZ	SIGNATURE	DATE
RESIDENCE 22114 Bay Spring Drive, Katy, TX 77450		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY RICHARD C. JONES	SIGNATURE 	DATE APR 16, 2002
RESIDENCE 2206 Wildwood Court, Fullerton, CA 92631		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF NINTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS (Same as above)		
FULL NAME OF TENTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS (Same as above)		

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